

Appl. No. 09/912,525  
Amdt. Dated February 7, 2005  
Reply to Office action of November 8, 2004  
Attorney Docket No. P12984-US1  
EUS/J/P/05-3026

### Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

1. (Currently Amended) A method of establishing a connection between a first and a second terminal in a network via a server, wherein the first terminal is ~~access from a terminal to a server which is~~ in non-permanent connection to the server, the method comprising the steps of:

establishing simultaneously initiating a connection and authentication process between the first terminal and the server;

allowing access to the server completing the connection to the second terminal during the authentication process upon positive authentication; and

terminating the connection between the first and second terminal if the authentication fails.

~~sending data for the requested server from the terminal to the server; and~~

~~sending the data for the requested server before or in parallel with the authentication process so that the server may be prepared for access during the authentication process.~~

2. (Currently Amended) The [[A]] method according to claim 1, wherein the step of completing the connection to the second terminal further comprises further ~~comprising the step of giving access to~~ connecting the first terminal to the requested server before positive authentication of the first terminal.

3. (Currently Amended) The [[A]] method according to claim 1, wherein the first terminal and the second terminal are mobile phones, the network is a mobile phone network and the server is a Mobile Service Switching Center (MSC) further ~~comprising the step of denying access to the requested server if the authentication fails.~~

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4. (Currently Amended) The ~~[[A]]~~ method according to claim 1, further comprising the step of withholding access to the requested server until positive authentication when the first terminal's last attempt ~~[[of]]~~ at authentication failed.

5. (Currently Amended) The ~~[[A]]~~ method according to claim 1 ~~[[3]]~~, further comprising the step of withholding access to the server ~~before~~ until the authentication process is finished ~~when~~ if more than a predetermined time has passed since the last positive authentication ~~access~~.

6. (Currently Amended) The ~~[[A]]~~ method according to claim 3, further comprising the step of withholding access to the server until ~~before~~ the authentication process is finished if ~~when~~ more than a predetermined number of failed authentications are registered within a predetermined period of time.

7. (Currently Amended) The ~~[[A]]~~ method according to claim 1, wherein the first terminal and the second terminal are personal computers ~~terminal is a personal computer~~.

8. (Currently Amended) The ~~[[A]]~~ method according to claim 1, wherein the server is a computer, preferably an Internet access server.

9. (Currently Amended) The ~~[[A]]~~ method according to claim 8, wherein the first terminal ~~personal computer~~ is connected to the server via a modem connected to the public telephone network and ~~where~~ the server is connected to the public telephone network through a modem in the form of a point of presence.

10. (Canceled)

11. (Currently Amended) A first terminal, in non-permanent connection to a network, for establishing access to a second terminal via a server coupled with the

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~~network, such as a personal computer or a mobile telephone for use with a method of establishing access from the terminal to a server which is in non-permanent connection to the server, the terminal comprising:~~

~~means such as a modem or radio transmitter/receiver for establishing a connection to the network and the server a server such as an Internet access server, an Internet page server or a cellular phone network; and~~

~~means for simultaneously sending authentication data for the first terminal and connection data for the second terminal to the server. providing authentication data, such as a keyboard, a memory or a smart card;~~

~~means for sending the authentication data such as user identity and/or password or mobile phone id number to the server;~~

~~means for sending data for the requested server such as a URL address of a telephone number to the server; and~~

~~means for activating the means for sending data for the requested server before or at the same time with the means for sending the authentication data.~~

12. (Currently Amended) A server in a network, the server comprising:  
~~such as an Internet access provider, an Internet page server or a cellular phone network comprising:~~

~~means such as an Internet access server or a base station for establishing a connection with a first terminal such as a personal computer or a mobile telephone;~~

~~means for prompting for authentication data such as user identity and/or password;~~

~~means for receiving authentication data and carrying out an authentication process for the first terminal;~~

~~means for prompting the first terminal for connection information for a second terminal data for the requested server such as a URL address of a telephone number to the server; and~~

~~means for simultaneously receiving the connection information for the second terminal and the authentication data for the first terminal; and~~

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means for connecting the first terminal to the second terminal prior to the authentication of the first terminal, wherein the server can terminate the connection prior to or during authentication according to the authentication history of the first terminal.

~~means for activating the means for prompting for data for the requested server before or at the same time with the means for prompting for the authentication data.~~

13. (Currently Amended) A system for establishing access between a first terminal and a second terminal, wherein the first terminal ~~from a terminal to a server~~ which is in non-permanent connection to a network ~~the server~~, the system comprising:  
the first terminal, which comprises:

means for establishing a connection to the network and the server; and

means for simultaneously sending authentication data and connection data for the second terminal to the server; and

the server, which comprises:

means for establishing a connection with the first terminal;

means for receiving authentication data and for carrying out an authentication process for the first terminal;

means for prompting the first terminal for connection information for a second terminal;

means for simultaneously receiving the connection information for the second terminal and the authentication data for the first terminal;

means for connecting the first terminal to the second terminal prior to authenticating the first terminal; and

means for terminating the connection to the second terminal prior to or during authentication of the first terminal according to the authentication history of the first terminal.

~~the terminal comprising:~~

~~means such as a modem or radio transmitter/receiver for establishing connection to a server such as an Internet access server, an Internet page server or a cellular phone network;~~

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~~means for providing authentication data, such as a keyboard, a memory or a smart card;~~

~~means for sending the authentication data such as user identity and/or password or mobile phone id number to the server;~~

~~means for sending data for the requested server such as a URL address of a telephone number to the server; and~~

~~means for activating the means for sending data for the requested server before or at the same time with the means for sending the authentication data; and~~

~~the server comprising:~~

~~means such as an Internet access server or a base station for establishing a connection with a terminal such as a personal computer or a mobile telephone;~~

~~means for prompting for authentication data such as user identity and/or password;~~

~~means for carrying out an authentication process;~~

~~means for prompting for data for the requested server such as a URL address of a telephone number to the server; and~~

~~means for activating the means for prompting for data for the requested server before or at the same time with the means for prompting for the authentication data.~~

14. (Currently Amended) The first terminal of claim 11, wherein the first terminal and the second terminal are computers, the network is a computer network and the server is a computer. A method according to claim 4, further comprising the step of withholding access to the server before the authentication process is finished when more than a predetermined time has passed since the last access.

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15. (Currently Amended) The first terminal of claim 11, wherein the first terminal and the second terminal are mobile phones, the network is a wireless communication network and the server is a Mobile Services Switching Center (MSC).

~~A method according to claim 4, further comprising the step of withholding access to the server before the authentication process is finished when more than a predetermined number of failed authentications are registered within a predetermined period of time.~~

16. (Currently Amended) The server of claim 12, wherein the first terminal and the second terminal are mobile phones, the network is a wireless communication network and the server is a Mobile Services Switching Center (MSC).

~~A method according to claim 5, further comprising the step of withholding access to the server before the authentication process is finished when more than a predetermined number of failed authentications are registered within a predetermined period of time.~~

17. (New) The server of claim 12, wherein the first terminal and the second terminal are computers, the network is a computer network and the server is a computer.